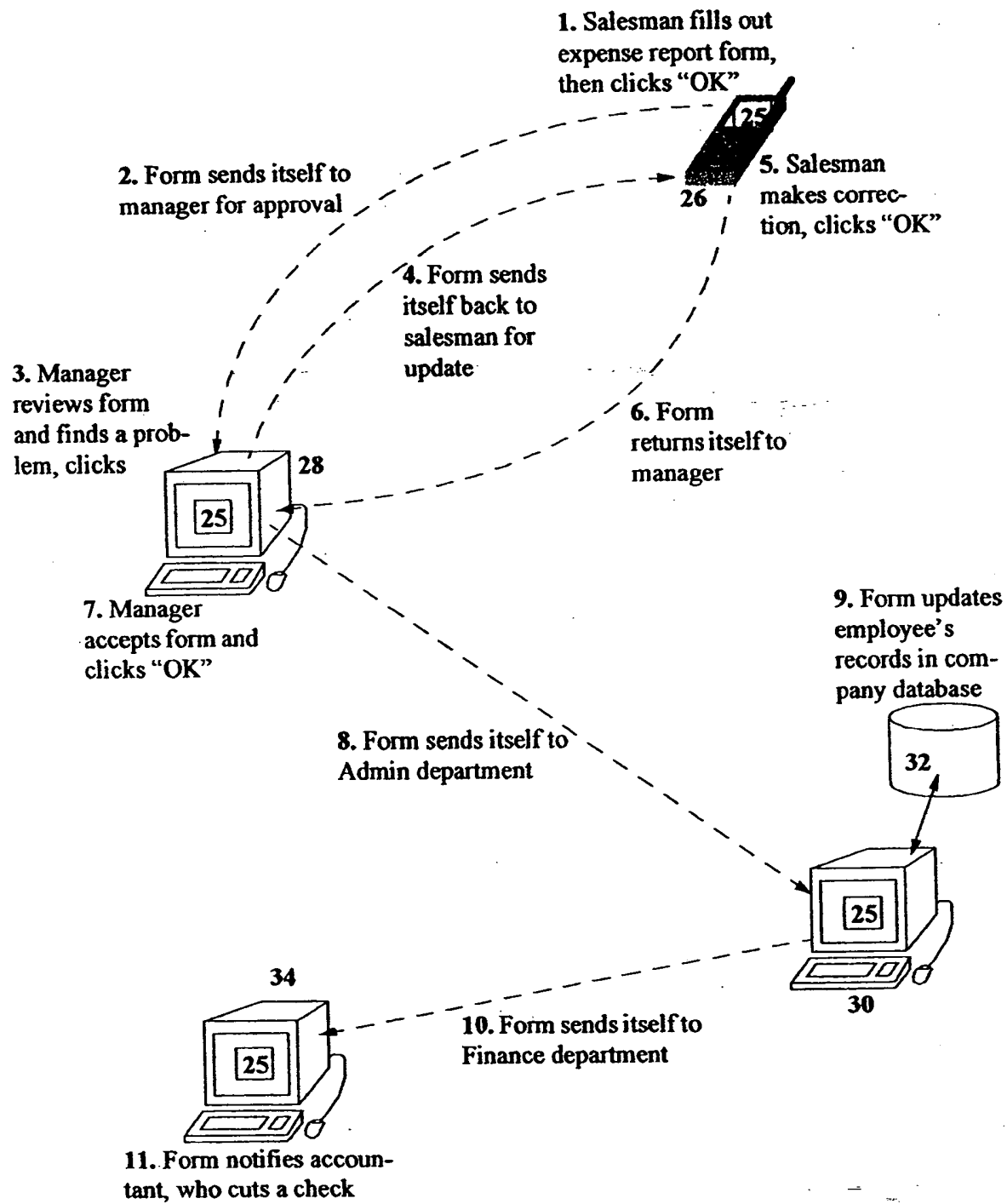


**Figure 1**



**Figure 2**

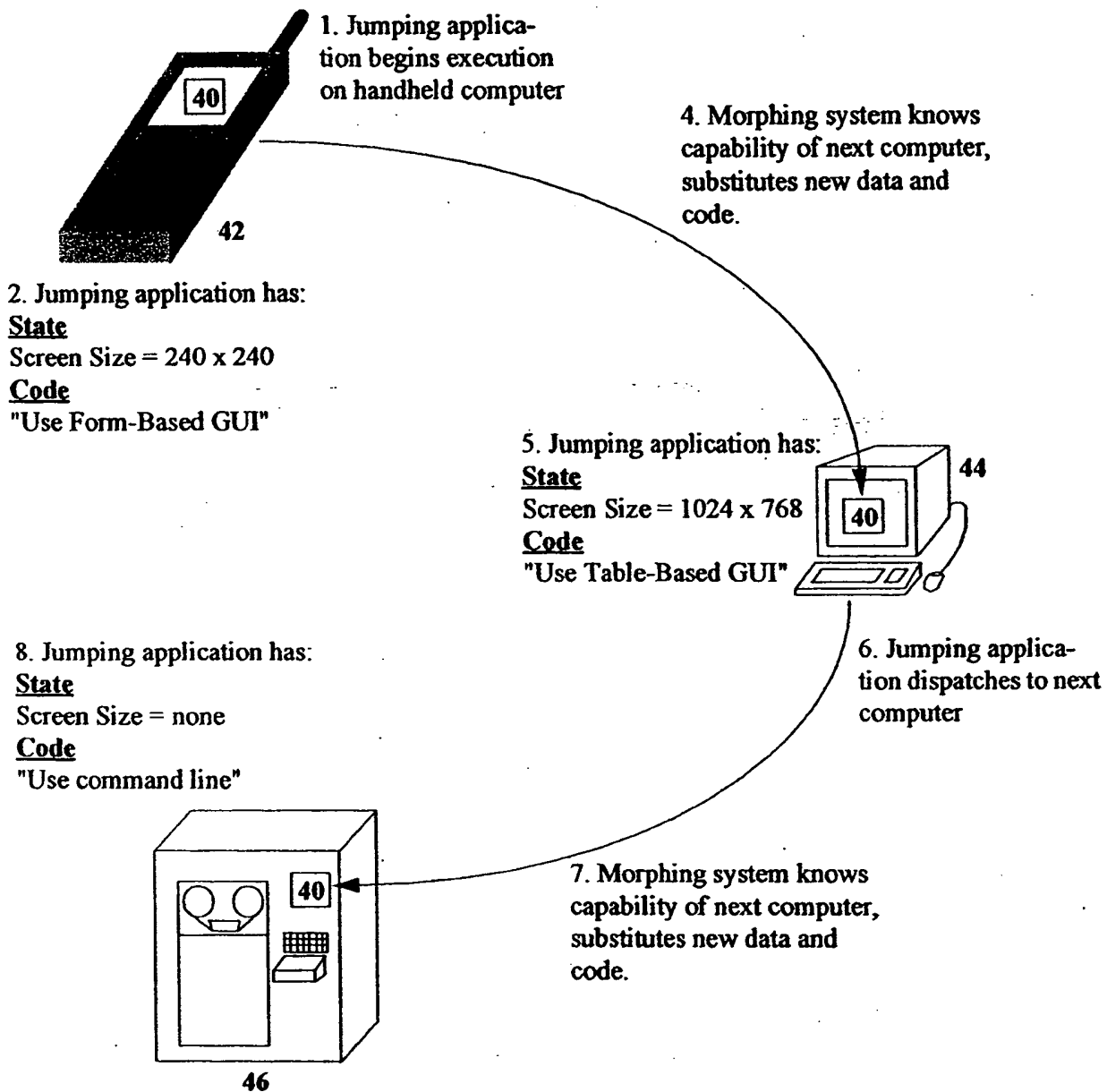


Figure 3

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1. Morphing system gathers information about participating hosts. (This might be an ongoing process, occurring while the jumping application is executing and jumping.)

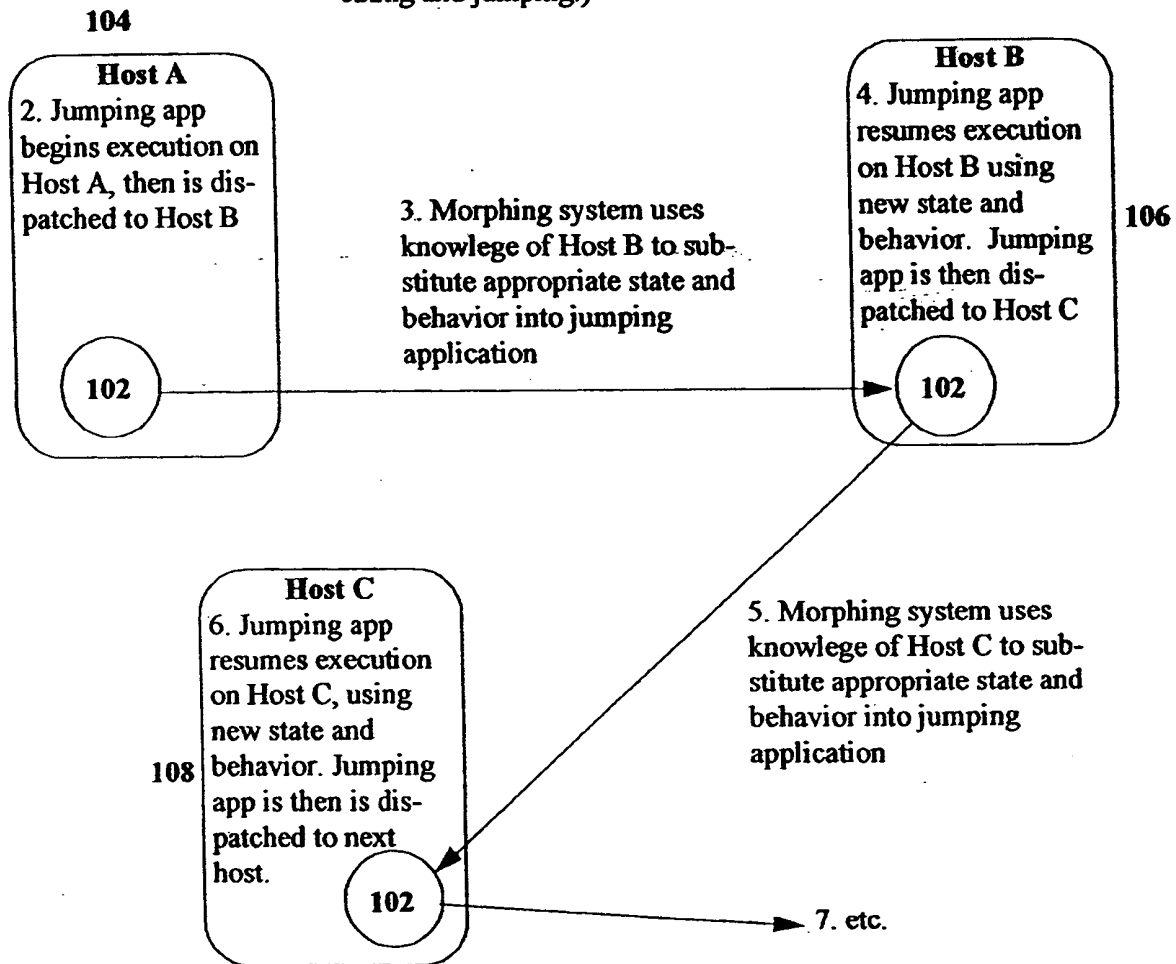


Figure 4

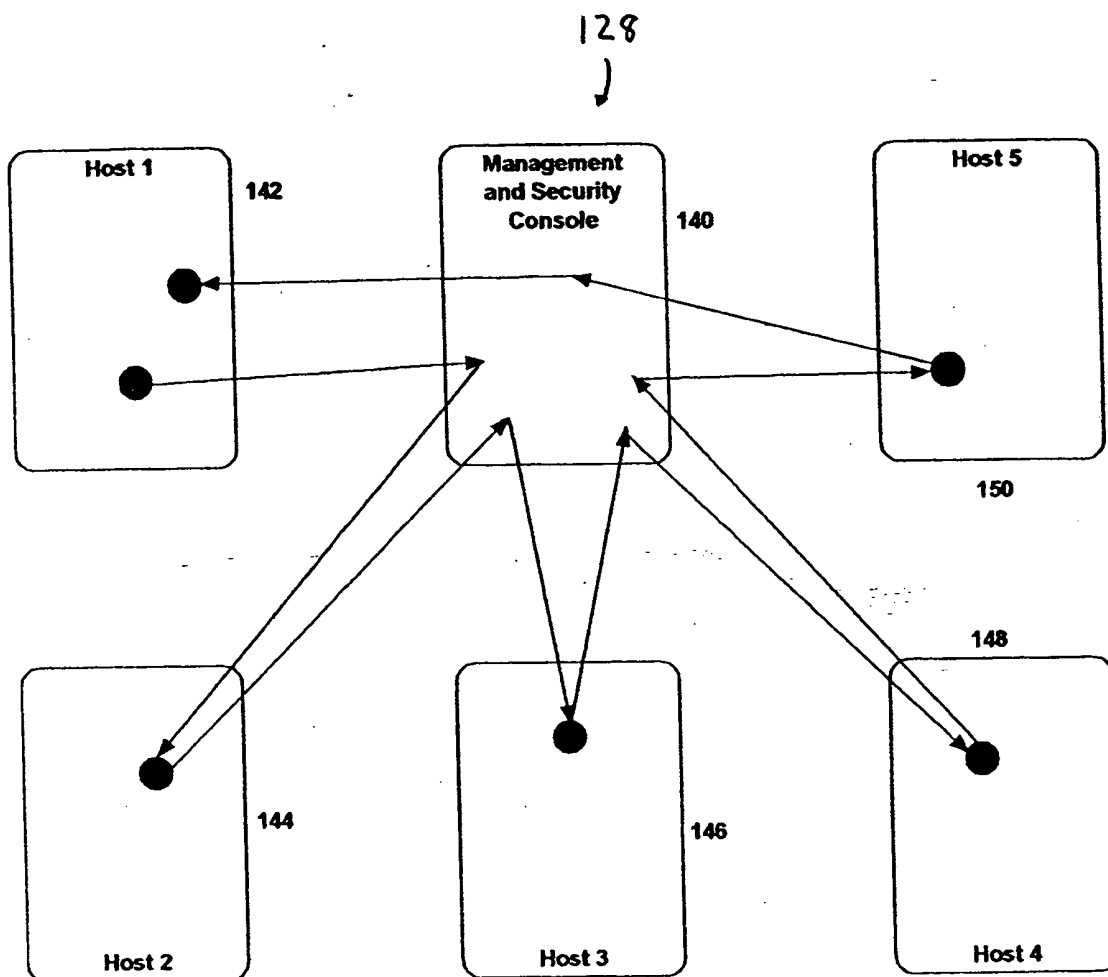


Figure 5:

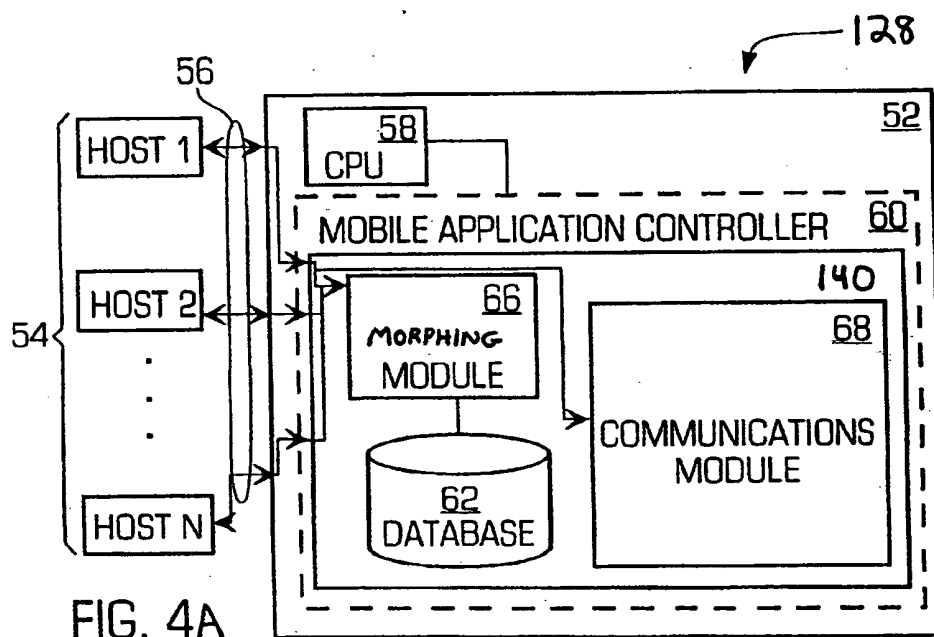
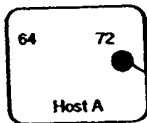
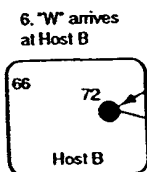


FIG. 4A

1. Jumping application "W" begins execution on Host A

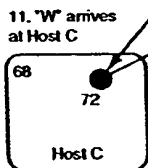


2. "W" dispatches to Host B



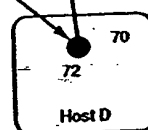
6. "W" arrives at Host B

7. "W" later dispatches to Host C



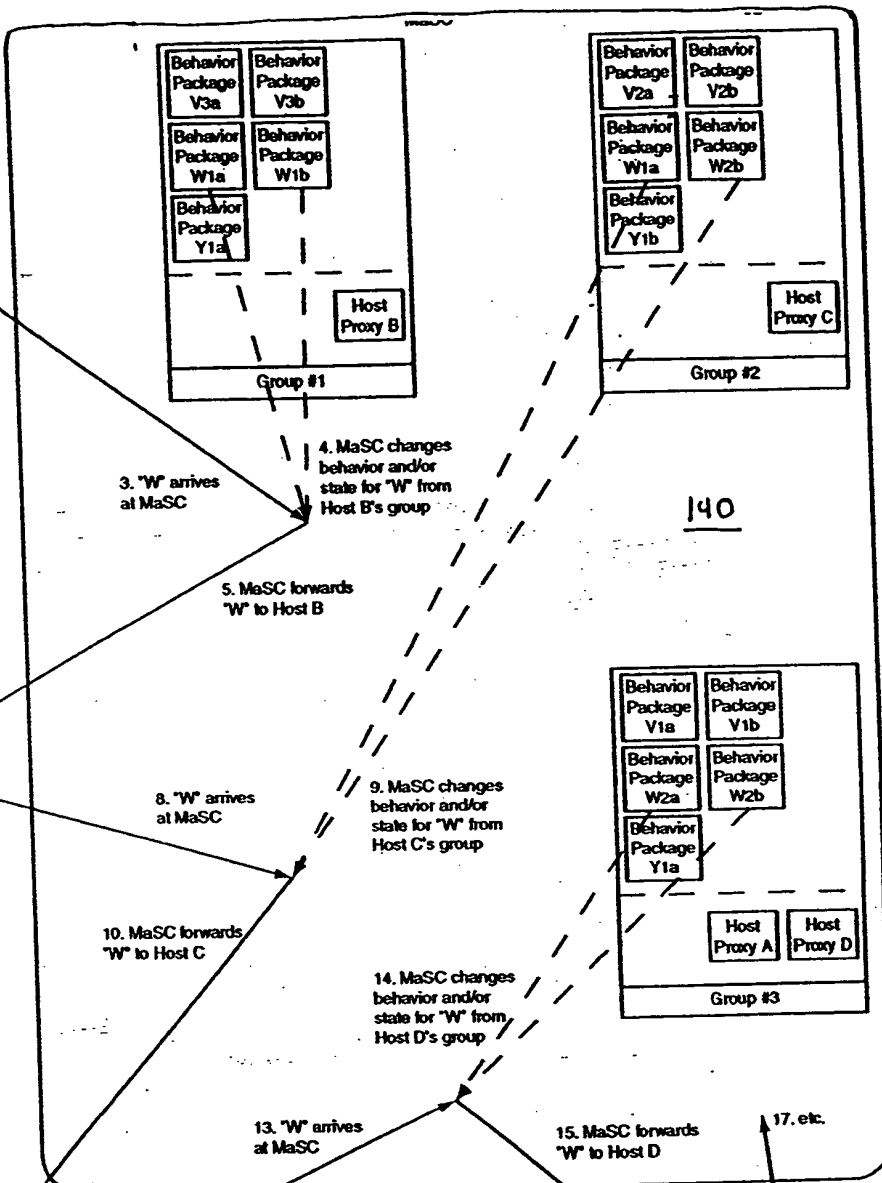
11. "W" arrives at Host C

12. "W" later dispatches to Host D



16. "W" arrives at Host D

17. etc.



3. "W" arrives at MaSC

4. MaSC changes behavior and/or state for "W" from Host B's group

5. MaSC forwards "W" to Host B

8. "W" arrives at MaSC

9. MaSC changes behavior and/or state for "W" from Host C's group

10. MaSC forwards "W" to Host C

13. "W" arrives at MaSC

14. MaSC changes behavior and/or state for "W" from Host D's group

15. MaSC forwards "W" to Host D

FIGURE 6